

Chapter PI 37

ELEMENTARY MATHEMATICS AND SCIENCE PROGRAMS

PI 37.01	Purpose	PI 37.05	Interdisciplinary program
PI 37.02	Definitions	PI 37.06	Mathematics and science continuing education for school district staff
PI 37.03	Elementary mathematics and science programs		
PI 37.04	Review of applications and awarding of grants		

Note: Chapter PI 37 was created as ch. PI 43 as an emergency rule effective July 7, 1992.

PI 37.01 Purpose. Under s. 115.364, Stats., the state superintendent shall award grants to school districts for programs that enhance the instruction of mathematics and science in the elementary grades. This chapter sets forth criteria and procedures for awarding grants under this chapter.

History: Cr. Register, June, 1993, No. 450, eff. 7-1-93.

PI 37.02 Definitions. In this chapter:

(1) "Accredited" means that an educational institution meets required professional standards or accepted criteria of quality in its educational program as established by a recognized state, regional, or national accrediting agency.

(2) "CESA" means a cooperative educational service agency created under ch. 116, Stats.

(3) "Elementary grades" means kindergarten through grade 8.

(4) "Interdisciplinary program" means a program which applies mathematics and science across the school district's curriculum as well as within the mathematics and science content areas.

(5) "School board" has the meaning given in s. 115.001 (7), Stats.

(6) "66.30 agreement" means an agreement between 2 or more school districts or other municipality as defined under s. 66.30 (1) (a), Stats.

(7) "State superintendent" means the state superintendent of public instruction for the state of Wisconsin.

(8) "UW center" means a center of the university of Wisconsin system as defined in s. 36.05 (4), Stats.

(9) "UW institution" means an institution of the university of Wisconsin system as defined in s. 36.05 (9), Stats.

History: Cr. Register, June, 1993, No. 450, eff. 7-1-93.

PI 37.03 Elementary mathematics and science programs. (1) Under s. 115.364, Stats., a school board, or a school board in cooperation with one or more of the following, may apply to the state superintendent for a grant which will enhance the instruction of mathematics and science in the elementary grades:

(a) Another school board under a 66.30 agreement.

(b) A CESA board as specified in s. 116.03(3), Stats.

Register, June, 1993, No. 450

- (c) A UW institution or center under a 66.30 agreement.
 - (d) An accredited private institution of higher education with an approved teacher education program.
- (2) Annually by May 1, an applicant under this section shall submit an application to fund a program under s. PI 37.05 or 37.06. An application under this chapter shall include all of the following information:
- (a) A description of the proposed program, including a statement of need, goals and objectives.
 - (b) A description of the instructional plan, including program activities to be completed during the duration of the program, with a timetable for completion of each major activity.
 - (c) A description of the program's measurable outcomes and methods to be used in evaluating the achievement of the program goals and objectives.
 - (d) A description of how the program will continue after the grant period is completed.
 - (e) A description of how the program is innovative or exemplary and might serve as a model for other school districts.
 - (f) A description of all costs of the program, including how the 25% matching contribution will be met.
 - (g) A description of how the program is associated with the national reform movements in mathematics and science and the school district's education for employment plan under ch. PI 26.

(3) A grant recipient under this chapter shall provide for all of the following:

- (a) A matching contribution of at least 25% of the cost of the project. Private funds and in-kind contributions may be used to meet the matching fund requirement.
- (b) An assurance that no more than 20% or \$1,000, whichever is greater, of the funds awarded for the project will be used to purchase equipment.
- (c) An assurance that program materials will be made available to interested schools and other educational institutions at a reasonable cost.

Note: Form PI 3105, Application for Elementary Mathematics and Science Programs, may be obtained at no charge by writing to the Wisconsin Department of Public Instruction, Bureau for School Improvement, P.O. Box 7841, Madison, WI 53707-7841.

History: Cr. Register, June, 1993, No. 450, eff. 7-1-93.

PI 37.04 Review of applications and awarding of grants. (1) The state superintendent, annually, shall establish funding limits for programs under ss. PI 37.05 and 37.06 based on the amount appropriated for the program under s. 20.255 (2) (em), Stats. The state superintendent shall inform school districts of the funding limits by letter which will accompany application materials for a program under this chapter.

Register, June, 1993, No. 450

(2) The state superintendent shall review the applications submitted under this chapter and shall determine which of the applicants will receive grants.

(3) Priority in awarding grants shall be given to programs which best meet the following criteria:

(a) Programs that will improve the school district's instruction in mathematics and science in the elementary grades.

(b) Programs in which the goals and objectives relate to the desired effect of the project.

(c) Programs in which activities are appropriate to the goals and objectives of the project.

(d) Programs that demonstrate the adequacy of the schedule of implementation and the extent to which continuation of project activities is ensured after the grant period is completed.

(e) Programs that are innovative or exemplary and may serve as a model for other school districts.

(4) Secondary criteria in awarding grants shall include the following:

(a) To the extent possible, grants shall benefit the greatest number of school districts, pupils and teachers. Therefore, preference in awarding grants may be given to programs developed and operated in cooperation with other educational agencies.

(b) To the extent possible, the grants shall be distributed equally throughout the state.

(c) To the extent possible, grants shall be awarded to school districts of varying sizes, as determined by enrollment.

(d) To the extent possible, grants shall be equitably distributed among projects in the categories under ss. PI 37.05 and 37.06.

History: Cr. Register, June, 1993, No. 450, eff. 7-1-93.

PI 37.05 Interdisciplinary program. (1) A grant may be awarded under s. PI 37.04 to develop and implement an interdisciplinary program for pupils in elementary grades involving laboratory and field experiences in basic research and experimental activities to stimulate interest in mathematics and science.

(2) Program components which may be funded under this section include but are not limited to the following:

(a) Integration of mathematics and science.

(b) Integration of the sciences which include physics, biology, chemistry, earth and space.

(c) Integration of mathematics and science with other academic disciplines, such as language arts or social studies.

(d) Integration of mathematics and science with fine arts, such as music or art.

(e) Integration of environmental concepts into mathematics and science programs.

History: Cr. Register, June, 1993, No. 450, eff. 7-1-93.

PI 37.06 Mathematics and science continuing education for school district staff. (1) A grant may be awarded under s. PI 37.04 to fund continuing education activities in the areas of mathematics and science at the elementary level.

(2) Program components which may be funded under this section include the following:

(a) Allowing release time for a mathematics and science consultant to do the following:

1. To enhance the consultant's skills.
2. To prepare resource materials and programs under s. PI 37.05.
3. To conduct continuing education programs for school district staff.

(b) Allowing release time for school district staff to receive continuing education by a school district mathematics and science consultant.

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